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APPENDIX B

CORRELATION BETWEEN EXPENDITURE CATEGORIES FOR 462 CITIES, THE CITIES OF CALIFORNIA, MASSACHUSETTS, AND OHIO, AND 40 LARGE CITIES

TABLE B-1

Coefficients of Simple Correlation between Expenditure Categories, 462 Cities

	<i>Total General Operating</i>	<i>Common Func- tions</i>	<i>Police</i>	<i>Fire</i>	<i>High- ways</i>	<i>Recrea- tion</i>	<i>General Control</i>	<i>Sanita- tion</i>
Common functions	0.727							
Police	0.572	0.808						
Fire	0.675	0.779	0.674					
Highways	0.311	0.480	0.150	0.285				
Recreation	0.373	0.665	0.458	0.361	0.291			
General control	0.488	0.646	0.513	0.441	0.180	0.368		
Sanitation	0.429	0.659	0.451	0.331	0.170	0.452	0.300	
Mean coefficient	0.511	0.681	0.518	0.507	0.267	0.424	0.419	0.399

TABLE B-2

Coefficients of Simple Correlation between Expenditure Categories, 35 California Cities

	<i>Total General Operating</i>	<i>Common Func- tions</i>	<i>Police</i>	<i>Fire</i>	<i>High- ways</i>	<i>Recrea- tion</i>	<i>General Control</i>	<i>Sanita- tion</i>
Common functions	0.907							
Police	0.716	0.772						
Fire	0.716	0.757	0.787					
Highways	0.259	0.397	0.148	0.101				
Recreation	0.657	0.700	0.271	0.218	0.240			
General control	0.676	0.648	0.442	0.501	0.113	0.492		
Sanitation	0.429	0.556	0.208	0.154	0.305	0.516	0.185	
Mean coefficient	0.623	0.677	0.478	0.462	0.191	0.442	0.404	0.336

TABLE B-3

Coefficients of Simple Correlation between Expenditure Categories,
30 Massachusetts Cities

	<i>Total General Operating</i>	<i>Common Func- tions</i>	<i>Police</i>	<i>Fire</i>	<i>High- ways</i>	<i>Recrea- tion</i>	<i>General Control</i>	<i>Sanita- tion</i>
Common functions	0.739							
Police	0.738	0.709						
Fire	0.628	0.695	0.708					
Highways	0.188	0.537	0.054	0.060				
Recreation	0.543	0.689	0.528	0.456	0.073			
General control	0.421	0.416	0.467	0.348	0.184	0.087		
Sanitation	0.485	0.754	0.347	0.373	0.289	0.694	0.002	
Mean coefficient	0.535	0.648	0.507	0.467	0.173	0.439	0.275	0.421

TABLE B-4

Coefficients of Simple Correlation between Expenditure Categories, 32 Ohio Cities

	<i>Total General Operating</i>	<i>Common Func- tions</i>	<i>Police</i>	<i>Fire</i>	<i>High- ways</i>	<i>Recrea- tion</i>	<i>General Control</i>	<i>Sanita- tion</i>
Common functions	0.586							
Police	0.501	0.598						
Fire	0.485	0.737	0.495					
Highways	0.105	0.250	0.079	0.115				
Recreation	0.471	0.609	0.337	0.475	0.209			
General control	0.498	0.451	0.145	0.337	0.059	0.309		
Sanitation	0.534	0.715	0.455	0.591	0.190	0.486	0.344	
Mean coefficient	0.454	0.564	0.373	0.462	0.144	0.414	0.306	0.474

TABLE B-5

Coefficients of Simple Correlation between Expenditure Categories,
40 Large Cities and Their Overlying Local Governments

	<i>Total General Operating</i>	<i>Common Func- tions</i>	<i>Police</i>	<i>Fire</i>	<i>High- ways</i>	<i>Recrea- tion</i>	<i>Sanita- tion</i>	<i>Educa- tion</i>	<i>Welfare</i>
Common functions	0.857								
Police	0.719	0.670							
Fire	0.725	0.613	0.769						
Highways	0.172	0.353	-0.125	-0.003					
Recreation	0.526	0.386	0.314	0.291	-0.034				
Sanitation	0.250	0.373	0.300	0.075	0.230	0.051			
Education	0.620	0.826	0.296	0.294	0.249	0.209	-0.003		
Welfare	0.805	0.539	0.313	0.411	0.121	0.560	0.008	0.471	
Mean coefficient	0.584	0.577	0.407	0.397	0.120	0.288	0.161	0.370	0.404